

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"5986053".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/20 09:42
S2	3	"3764783".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/20 09:43
S3	0	ep-3764783.ap,prai.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/20 09:43
S4	9	(eugene near2 chan).in.	EPO; DERWENT	OR	OFF	2007/02/20 10:03
S5	83	(enzyme or nuclease or rnase or polymerase) same (conjugat\$4 or bound or coupl\$4 or chimer\$3) same (oligonucleotide near3 tag)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/20 10:09
S6	3	(enzyme or nuclease or rnase or polymerase) near8 (conjugat\$4 or bound or coupl\$4 or chimer\$3) near8 (oligonucleotide near3 tag)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/20 10:07
S7	7	(enzyme or nuclease or rnase or polymerase) and (conjugat\$4 or bound or coupl\$4 or chimer\$3) and (oligonucleotide near3 tag)	EPO; JPO; DERWENT	OR	OFF	2007/02/20 10:08
S8	43	(enzyme or nuclease or rnase or polymerase) same (conjugat\$4 or bound or coupl\$4 or chimer\$3) same (oligonucleotide near3 tag)	USPAT	OR	OFF	2007/02/20 10:13
S9	38	(enzyme or nuclease or rnase or polymerase) same (conjugat\$4 or bound or coupl\$4 or chimer\$3) same (oligonucleotide near3 tag)	US-PGPUB	OR	OFF	2007/02/20 10:17
S10	909	(enzyme or nuclease or rnase or polymerase) near8 (conjugat\$4 or bound or coupl\$4 or chimer\$3) near8 (oligonucleotide)	US-PGPUB	OR	OFF	2007/02/20 10:18
S11	725	(enzyme or nuclease or rnase or polymerase) near8 (conjugat\$4 coupl\$4) near8 (oligonucleotide)	US-PGPUB	OR	OFF	2007/02/20 10:18
S12	720	(enzyme or nuclease polymerase) near8 (conjugat\$4 coupl\$4) near8 (oligonucleotide)	US-PGPUB	OR	OFF	2007/02/20 10:18

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S13	680	(enzyme or nuclease) near8 (conjugat\$4 coupl\$4) near8 (oligonucleotide)	US-PGPUB	OR	OFF	2007/02/20 10:18
S14	2	(enzyme or nuclease) near8 (conjugat\$4 coupl\$4) near8 (oligonucleotide) near8 (inactiv\$8)	US-PGPUB	OR	OFF	2007/02/20 10:19
S15	30	(enzyme or nuclease) near8 (conjugat\$4 coupl\$4) near8 (oligonucleotide) near8 (cleav\$4)	US-PGPUB	OR	OFF	2007/02/20 10:20
S16	37	(enzyme or nuclease) near8 (conjugat\$4 coupl\$4) near8 (oligonucleotide) same (cleav\$4)	US-PGPUB	OR	OFF	2007/02/20 10:21
S17	53	(enzyme or nuclease) near8 (conjugat\$4 coupl\$4) near8 (oligonucleotide or nucleic) same (cleav\$4)	US-PGPUB	OR	OFF	2007/02/20 10:21
S18	96	(enzyme or nuclease or polymerase) near8 (conjugat\$4 coupl\$4) near8 (oligonucleotide or nucleic or dna) same (cleav\$4)	US-PGPUB	OR	OFF	2007/02/20 10:24
S19	105	(enzyme or nuclease or polymerase) near8 (conjugat\$4 coupl\$4) near8 (oligonucleotide or nucleic or dna) same (cleav\$4)	USPAT	OR	OFF	2007/02/20 10:43
S20	1	wo-200299398-\$.did.	USPAT; EPO; DERWENT	OR	OFF	2007/02/20 10:45
S21	2	wo-9810097-\$.did.	USPAT; EPO; DERWENT	OR	OFF	2007/02/20 10:46
S22	6	"1543155".pn.	USPAT; EPO; DERWENT	OR	OFF	2007/02/20 11:29
S23	314	(nuclease or polymerase) same (conjugat\$4 or coupl\$4 or link\$4) same ((oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna) near5 (tag\$4 or tail\$4))	USPAT	OR	OFF	2007/02/20 11:37
S24	46	(nuclease or polymerase) near8 (conjugat\$4 or coupl\$4 or link\$4) near8 ((oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna) near5 (tag\$4 or tail\$4))	USPAT	OR	OFF	2007/02/20 11:38
S25	28	(nuclease or polymerase) near5 (conjugat\$4 or coupl\$4 or link\$4) near8 ((oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna) near5 (tag\$4 or tail\$4))	USPAT	OR	OFF	2007/02/20 11:38

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S26	27	(nuclease or polymerase) near5 (conjugat\$4 or coupl\$4 or link\$4) near5 ((oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna) near5 (tag\$4 or tail\$4))	USPAT	OR	OFF	2007/02/20 11:38
S27	13	(nuclease or polymerase) near5 (conjugat\$4 or coupl\$4 or link\$4) near5 ((oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna) near3 (tag\$4 or tail\$4))	USPAT	OR	OFF	2007/02/20 11:46
S28	13	(nuclease or polymerase) near5 (conjugat\$4 or coupl\$4 or link\$4) near5 ((oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna) near3 (tag\$4 or tail\$4))	US-PGPUB	OR	OFF	2007/02/20 11:47
S29	1814	(nuclease or polymerase) near5 (conjugat\$4 or coupl\$4 or link\$4) near5 (oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna)	US-PGPUB	OR	OFF	2007/02/20 11:47
S30	329	((nuclease or polymerase) near5 (conjugat\$4 or coupl\$4 or link\$4) near5 (oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna)) and (("without" or unable or "not capable" or incapable or eliminat\$6 or destr\$8) near3 (digest\$4 or cleav\$4 or cut\$4 or hydroly\$5))	US-PGPUB	OR	OFF	2007/02/20 11:49
S31	170	((nuclease or polymerase) near3 (conjugat\$4 or coupl\$4 or link\$4) near3 (oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna)) and (("without" or unable or "not capable" or incapable or eliminat\$6 or destr\$8) near3 (digest\$4 or cleav\$4 or cut\$4 or hydroly\$5))	US-PGPUB	OR	OFF	2007/02/20 11:49
S32	5	((nuclease or polymerase) near3 (conjugat\$4 or coupl\$4 or link\$4) near3 (oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna)) and (("without" or unable or "not capable" or incapable or eliminat\$6 or destr\$8) near3 (digest\$4 or cleav\$4 or cut\$4 or hydroly\$5) near3 (polymerase or nuclease))	US-PGPUB	OR	OFF	2007/02/20 11:51

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S33	9	((nuclease or polymerase) near3 (conjugat\$4 or coupl\$4 or link\$4) near3 (oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna)) and (("without" or unable or "not capable" or incapable or eliminat\$6 or destr\$8) near3 (digest\$4 or cleav\$4 or cut\$4 or hydroly\$5 or cataly\$5) near3 (polymerase or nuclease))	US-PGPUB	OR	OFF	2007/02/20 11:51
S34	28	((nuclease or polymerase or enzyme) near3 (conjugat\$4 or coupl\$4 or link\$4) near3 (oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna)) and (("without" or unable or "not capable" or incapable or eliminat\$6 or destr\$8) near3 (digest\$4 or cleav\$4 or cut\$4 or hydroly\$5 or cataly\$5) near3 (polymerase or nuclease or enzyme))	US-PGPUB	OR	OFF	2007/02/20 11:54
S35	32	((nuclease or polymerase or enzyme or helicase or ligase) near3 (conjugat\$4 or coupl\$4 or link\$4) near3 (oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna)) and (("without" or unable or "not capable" or incapable or eliminat\$6 or destr\$8) near3 (digest\$4 or cleav\$4 or cut\$4 or hydroly\$5 or cataly\$5) near3 (polymerase or nuclease or enzyme or helicase or ligase))	US-PGPUB	OR	OFF	2007/02/20 11:55
S36	61	((nuclease or polymerase or enzyme or helicase or ligase) near5 (conjugat\$4 or coupl\$4 or link\$4) near5 (oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna)) and (("without" or unable or "not capable" or incapable or eliminat\$6 or destr\$8) near3 (digest\$4 or cleav\$4 or cut\$4 or hydroly\$5 or cataly\$5) near3 (polymerase or nuclease or enzyme or helicase or ligase))	US-PGPUB	OR	OFF	2007/02/20 12:05

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S37	76	((nuclease or polymerase or enzyme or helicase or ligase) near5 (conjugat\$4 or coupl\$4 or link\$4) near5 (oligonucleotide or pna or lna or nucleic or polynucleotide or dna or rna)) and (("without" or unable or "not capable" or incapable or eliminat\$6 or destr\$8) near3 (digest\$4 or cleav\$4 or cut\$4 or hydroly\$5 or cataly\$5) near3 (polymerase or nuclease or enzyme or helicase or ligase))	USPAT	OR	OFF	2007/02/20 12:16
S38	1	"6927065".pn.	USPAT	OR	OFF	2007/02/21 14:22
S39	1	"6696022".pn.	USPAT	OR	OFF	2007/02/20 12:33
S40	1	"4837167".pn.	USPAT	OR	OFF	2007/02/20 12:33
S41	1	us-20020039737-\$.did.	US-PGPUB	OR	OFF	2007/02/21 14:32
S42	74	("optical mapping" or "fish" or (fluorescen\$3 near in near situ near hybridization)) same enzyme same conjugat\$3	US-PGPUB; USPAT	OR	OFF	2007/02/21 14:44
S43	18	("optical mapping" or "fish" or (fluorescen\$3 near in near situ near hybridization)) same enzyme same conjugat\$3 same (nucleic or dna or rna or polynucleotide)	US-PGPUB; USPAT	OR	OFF	2007/02/21 14:35
S44	2	"5776694".pn. "5891639".pn.	US-PGPUB; USPAT	OR	OFF	2007/02/21 14:45
S45	8	(helicase or ligase or polymerase or nuclease) same conjugat\$4 same (beacon)	US-PGPUB; USPAT	OR	OFF	2007/02/21 15:03
S46	11	(helicase or ligase or polymerase or nuclease or enzyme) same conjugat\$4 same (beacon)	US-PGPUB; USPAT	OR	OFF	2007/02/21 16:00
S47	31	(helicase or ligase or polymerase or nuclease or enzyme) same conjugat\$4 same ((fluorescent\$4 near3 oligonucleotide))	US-PGPUB; USPAT	OR	OFF	2007/02/21 15:08
S48	116	(helicase or ligase or polymerase or nuclease or enzyme) same conjugat\$4 same (oligonucleotide or polynucleotide or nucleic or dna or rna) same (fret or (energy near transfer))	US-PGPUB; USPAT	OR	OFF	2007/02/21 15:09
S49	16	((helicase or ligase or polymerase or nuclease or enzyme) near8 conjugat\$4 near8 (oligonucleotide or polynucleotide or nucleic or dna or rna)) same (fret or (energy near transfer))	US-PGPUB; USPAT	OR	OFF	2007/02/21 15:14

## EAST Search History

S50	246	((helicase or ligase or polymerase or nuclease or enzyme) near8 conjugat\$4 near8 (oligonucleotide or polynucleotide or nucleic or dna or rna)) same (fret or (energy near transfer) or fluorescen\$3)	US-PGPUB; USPAT	OR	OFF	2007/02/21 15:14
S51	167	((helicase or ligase or polymerase or nuclease or enzyme) near5 conjugat\$4 near5 (oligonucleotide or polynucleotide or nucleic or dna or rna)) same (fret or (energy near transfer) or fluorescen\$3)	US-PGPUB; USPAT	OR	OFF	2007/02/21 15:14
S52	77	((helicase or ligase or polymerase or nuclease or enzyme) near3 conjugat\$4 near3 (oligonucleotide or polynucleotide or nucleic or dna or rna)) same (fret or (energy near transfer) or fluorescen\$3)	US-PGPUB; USPAT	OR	OFF	2007/02/21 15:14
S53	439	oligozymes	US-PGPUB; USPAT	OR	OFF	2007/02/21 16:00
S54	0	oligozymes same oligonucleotide same enyzme same conjugates	US-PGPUB; USPAT	OR	OFF	2007/02/21 16:00
S55	1	((oligonucleotide near3 probe) near8 label\$4) same fluor\$8 same enzym\$5 same compar\$6	USPAT	OR	OFF	2007/02/22 08:11
S56	279	((oligonucleotide near3 probe) near8 label\$4) same fluor\$8 same enzym\$5	USPAT	OR	OFF	2007/02/22 08:12
S57	133	((oligonucleotide near3 probe) near8 label\$4) same fluor\$8 same enzym\$5 same (improv\$6 or fast\$3 or quick\$3 or signal or direct\$4)	USPAT	OR	OFF	2007/02/22 08:13
S58	0	compar\$8 near8 fluor\$8 near8 enzymat\$4 near8 label	USPAT	OR	OFF	2007/02/22 08:14
S59	0	prefer\$8 near8 fluor\$8 near8 enzymat\$4 near8 label	USPAT	OR	OFF	2007/02/22 08:14
S60	1	"1291354".pn.	EPO	OR	OFF	2007/02/22 13:10
S61	6	"5780227".pn. "6197527".pn. "5853974".pn. "6518023".pn. "5474895".pn. "6864058".pn.	USPAT	OR	OFF	2007/02/22 14:10
S62	1	"4978608".pn.	USPAT	OR	OFF	2007/02/22 14:15
S63	2	wo-2006125012-\$.did. wo-2005012575-\$.did. wo-9746703-\$. did.	DERWENT	OR	OFF	2007/02/22 14:19
S64	0	wo-2006125012-\$.did. wo-2005012575-\$.did. wo-9746703-\$. did.	US-PGPUB	OR	OFF	2007/02/22 14:20

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S65	0	us-2005123944-\$.did. us-2004265835-\$.did.	US-PGPUB	OR	OFF	2007/02/22 14:20
S66	2	us-20050123944-\$.did. us-20040265835-\$.did.	US-PGPUB	OR	OFF	2007/02/22 14:25
S67	12	eberwine.in.	US-PGPUB	OR	OFF	2007/02/22 14:27
S68	30	eberwine.in.	USPAT	OR	OFF	2007/02/22 15:05
S69	9276	campbell.in.	USPAT	OR	OFF	2007/02/22 15:06
S70	0	campbell.in. and h1398	USPAT	OR	OFF	2007/02/22 15:06
S71	7	H1398	USPAT	OR	OFF	2007/02/22 15:06
S72	1504706	H "1398"	USPAT	OR	OFF	2007/02/22 15:08
S73	0	(nuclease or helicase or topoisomerase or ssb or polymerase or ligase or (single near strand\$3 near binding near protein) or enzyme) near3 oligonucleotide near3 (conjugat\$4 or coupl\$4) near3 (fluorophore or fluorescen\$3 or dye)	USPAT	OR	OFF	2007/02/22 15:09
S74	341	(nuclease or helicase or topoisomerase or ssb or polymerase or ligase or (single near strand\$3 near binding near protein) or enzyme) near3 oligonucleotide near3 (conjugat\$4 or coupl\$4)	USPAT	OR	OFF	2007/02/22 15:09
S75	30	(nuclease or helicase or topoisomerase or ssb or polymerase or ligase or (single near strand\$3 near binding near protein) or enzyme) near3 oligonucleotide near3 (conjugat\$4 or coupl\$4) same (fluorophore or fluorescein or fluorescen\$4 or dye)	USPAT	OR	OFF	2007/02/22 15:13
S76	29	(nuclease or helicase or topoisomerase or ssb or polymerase or ligase or (single near strand\$3 near binding near protein) or enzyme) near3 oligonucleotide near3 (conjugat\$4 or coupl\$4) same (fluorophore or fluorescein or fluorescen\$4 or dye)	US-PGPUB	OR	OFF	2007/02/22 15:20
S77	29	(nuclease or helicase or topoisomerase or ssb or polymerase or ligase or (single near strand\$3 near binding near protein) or enzyme or (dna near binding near protein)) near3 oligonucleotide near3 (conjugat\$4 or coupl\$4) same (fluorophore or fluorescein or fluorescen\$4 or dye)	US-PGPUB	OR	OFF	2007/02/22 15:21

## EAST Search History

S78	739	(nuclease or helicase or topoisomerase or ssb or polymerase or ligase or (single near strand\$3 near binding near protein) or enzyme or (dna near binding near protein)) same oligonucleotide same (conjugat\$4 or coupl\$4) same (fluorophore or fluorescein or fluorescen\$4 or dye)	US-PGPUB	OR	OFF	2007/02/22 15:22
S79	340	campbell.in. and (nucleic or dna or polynucleotide)	US-PGPUB; USPAT	OR	OFF	2007/02/22 15:22
S80	116	campbell.in. and (nucleic or dna or polynucleotide).clm.	US-PGPUB; USPAT	OR	OFF	2007/02/22 15:22
S81	209	(oligonucleotide) near5 conjugat\$4 near5 protein	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/28 18:36
S82	85	(oligonucleotide) near5 conjugat\$4 near5 protein	USPAT	OR	OFF	2007/02/28 18:36
S83	0	(oligonucleotide) near5 conjugat\$4 near5 (DNA near binding near protein)	USPAT	OR	OFF	2007/02/28 18:36
S84	85	(oligonucleotide) near5 conjugat\$4 near5 (protein)	USPAT	OR	OFF	2007/02/28 19:00
S85	32	(pna same coumarin)	USPAT	OR	OFF	2007/02/28 18:57
S86	26	(oligonucleotide) near5 conjugat\$4 near5 (protein) and tat	USPAT	OR	OFF	2007/02/28 19:00
S87	3	"5986083"	USPAT; EPO; DERWENT	OR	OFF	2007/03/01 09:36
S88	12	"5986053"	USPAT; EPO; DERWENT	OR	OFF	2007/03/01 10:28
S89	1	us-20040096839-\$.did.	US-PGPUB	OR	OFF	2007/03/01 10:30
S90	12	(eugene near chan).in.	US-PGPUB	OR	OFF	2007/03/01 10:32
S91	9	(eugene near chan).in.	USPAT	OR	OFF	2007/03/01 10:34
S92	8	"5670617".pn. "6773920".pn. "6657052".pn. "6329144".pn. "5998588".pn. "6153737".pn. "6172208".pn. "6197513".pn.	USPAT	OR	OFF	2007/03/01 10:36
S93	3	S92 and fish	USPAT	OR	OFF	2007/03/01 10:36
S94	0	S92 and fret	USPAT	OR	OFF	2007/03/01 10:36
S95	9	campbell.in. and (ssb or (single near strand\$3 near binding near protein))	USPAT	OR	OFF	2007/03/01 10:37
S96	0	campbell.in. and ( (single near strand\$3 near binding near protein))	USPAT	OR	OFF	2007/03/01 10:37
S97	13	campbell.in. and (gfp)	USPAT	OR	OFF	2007/03/01 10:39



## EAST Search History

S98	8	(single near strand\$4 near binding near protein) same fluor\$8	USPAT	OR	OFF	2007/03/01 11:02
S99	1	((dna near binding near protein) or (single near strand\$4 near binding near protein)) near3 (conjugat\$4 or coupl\$4 or link\$4) near3 oligonucleotide	USPAT	OR	OFF	2007/03/01 11:04
S100	2	((dna near binding near protein) or (single near strand\$4 near binding near protein)) near3 (conjugat\$4 or coupl\$4 or link\$4) near3 oligonucleotide	US-PGPUB	OR	OFF	2007/03/01 11:09
S101	3	(ssb or (dna near binding near protein) or (single near strand\$4 near binding near protein)) near8 oligonucleotide near8 (immuno\$9 or antibody)	US-PGPUB	OR	OFF	2007/03/01 11:10
S102	2	(ssb or (dna near binding near protein) or (single near strand\$4 near binding near protein)) near8 oligonucleotide near8 (immuno\$9 or antibody)	USPAT	OR	OFF	2007/03/01 11:11
S103	0	(reca near5 antibody) same fish	USPAT	OR	OFF	2007/03/01 11:11
S104	12	(reca near5 antibody)	USPAT	OR	OFF	2007/03/01 11:46
S105	3	(linear near polymer near analysis)	USPAT	OR	OFF	2007/03/01 11:47
S106	9	((optical near mapping) or (dna near combing)) same Fish	USPAT	OR	OFF	2007/03/01 11:51
S107	22	((optical near mapping) or (dna near combing)) same Fish	US-PGPUB	OR	OFF	2007/03/01 11:51